



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul R. Arnston Attorney Docket No. BING-1-1038
Serial No.: 10/656,595 Group Art Unit: Not yet assigned
Filing Date: September 5, 2003 Examiner: Not yet assigned
Title: APPARATUS AND METHODS FOR MAGNETIC THROUGH-SKIN SENSING

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

COMMISSIONER OF PATENTS
P.O. Box 1450
Alexandria, VA 22315-1450

Dear Sirs:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information related to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

Copies of references listed on the attached Form PTO-1449 are enclosed herewith, along with a return receipt postcard.

Respectfully submitted,

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25315
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- 1 -

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BING-1-1038TL02

MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via first class mail under 37 C.F.R. § 1.08 on the date indicated below addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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[Signer] Jennifer J. Fortuny

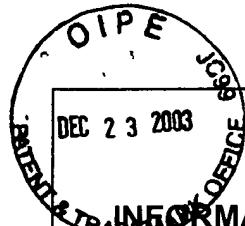
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
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				First Named Inventor	Paul R. Arnston
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
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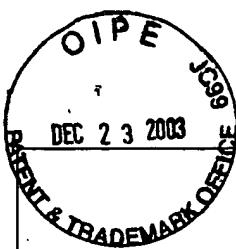
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1.	1,971,189		J. K. Leibing	08-21-1934
	2.	2,346,773		J. W. McBride et al.	04-18-1944
	3.	2,600,857		G. F. De La Mater	06-17-1952
	4.	2,807,780		B. E. Ludwig et al.	09-24-1957
	5.	2,844,977		W. L. Morse	07-29-1958
	6.	2,911,860		J. C. Winslow et al.	11-10-1959
	7.	3,599,958		Schindler	08-17-1971
	8.	3,663,115		Vindez et al.	05-16-1972
	9.	4,229,696		Gustafson	10-21-1980
	10.	4,353,308		Brown	10-12-1982
	11.	4,388,890		Wester et al.	06-21-1983
	12.	4,396,318		Jensen et al.	08-02-1983
	13.	4,570,542		Cable et al.	02-18-1986
	14.	4,740,117		Schaff Deleury et al.	04-26-1988
	15.	4,850,763		Jack et al.	07-25-1989
	16.	5,172,055	A	Horn	12-15-1992
	17.	5,395,187	A	Slesinski et al.	03-07-1995

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22315-1450.



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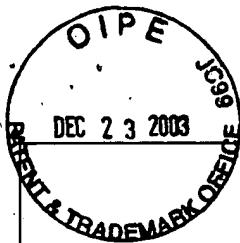
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Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
18.	5,432,434	A	Tugwell	06-11-1995
19.	5,434,500	A	Hauck et al.	07-18-1995
20.	5,445,000	A	Brown	08-29-1995
21.	5,465,500	A	Nammoto	11-14-1995
22.	5,482,411	A	McGlasson	01-09-1996
23.	6,036,409	A	Rissler	03-14-2000
24.	6,073,326	A	Banks et al.	06-13-2000
25.	6,087,824	A	Shiao	07-11-2000
26.	6,210,084	B1	Banks et al.	04-03-2001
27.	6,240,332	B1	Buttrick et al.	05-29-2001
28.	6,220,099	B1	Marti et al.	04-24-2001
29.	6,283,684	B1	Jarvis	09-04-2001
30.	6,430,796	B1	Jones et al.	08-13-2002
31.	6,467,385	B1	Buttrick et al.	10-22-2002
32.	6,550,129	B1	Buttrick, Jr.	04-22-2003
33.	6,536,100	B2	Sarh et al.	03-25-2003

Examiner Signature		Date Considered	
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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind ⁵ Code (if known)			
	34.	DE	508 647		Siegmund Deutsch	09-27-1930	No Engl. AB Avail.
	35.	GB	2 363 432	A	Leslie Steele	12-19-2001	
	36.	WO	03/095154	A1	The Boeing Company	11-20-2003	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	37.	Honeywell Sensor Products, "Three-Axis Magnetic Sensor Hybrid, HMC2003" Solid State Electronics Center, 900151 Rev.C., 10/97, pp. 1-4.	
Examiner Signature		Date Considered	

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